

SIB-A1240



Intel® 3rd/2nd Core™ i7/i5/i3 CPU (CPU not included)

Up to 16GB DDR3 (2x SODIMM modules, memory not included)

Up to 6x RS-232 (2x are RS232/422/485 switchable)

4x USB 3.0 Ports, & 4x USB 2.0 Ports

6x 10/100/1000 Mbps

Chipset: Intel® HD Graphics

4x 15 W PoE (AIIS-1240 only)

8-bit DIO, 32-bit (optional by AIIS-DIO32)

System reset

Power Input Voltage: 19 VDC ~ 24 VDC

Minimum Power Input: DC19-24V @ 8-6.3A

Normal Power Input: DC19-24V @ 11.57-9.16A

Power Adapter: AC to DC, DC24 V/9.16 A, 220 W (Optional)

LED Indicators: Power, HDD, Temperature

Power on/off Switch

Wall or DIN Rail mounting kit (optional)

19 VDC ~ 24 VDC

232 x 70 x 175 mm

0 ~ 45°C (32 ~ 113°F)

SIB-A1240 Box IPC is an ideal, application-ready, system platform solution. All electronics are protected in a compact sealed case for easy embedding in the customer's own housing, or as a stand-alone unit where space is limited. SIB-A1240's self-contained PoE controller features performance computing with Power over Ethernet, rich I/O interface, and extended product longevity, all in a compact form factor. These PoE boxes use the latest, 3rd generation Intel® Core™ processors to deliver improved computing power and graphics performance. Already fully verified and certified, they offer system integrators a no-nonsense solution. SIB-A1240 utilizes a single RJ45 cable that carries both data and electrical power. Compliant with IEEE 802.3af, it can provide a maximum of 15.4 watts of power to a powered device up to a distance of 100 meters, whereas USB 2.0 can only provide up to 2.5 watts, with a maximum cable length of 5 meters. SIB-A1240 offers rich I/O interfaces such as four PoE port channels, max. 40-bit digital I/O, four USB 3.0, four USB 2.0, and six serial ports. Four USB 3.0 ports provide a high performance data transfer rate up to 5 Gbps. The two serial ports on the front panel can be configured as RS-232, RS-422 or RS-485 via BIOS setting. These interfaces can support a number of various peripheral devices.

Specifications

Processor:

Intel® 3rd/2nd Core™ i7/i5/i3

Real Time Clock:

Memory

RAM type:

2x DDR3 SODIMM Sockets

BIOS/ Bootloader:

AMI BIOS

Primary Flash:

CF/AST

Secondary Flash:

SATA SSD

Memory Misc.:

2x SODIMM sockets upto 8GB each

Primary I/O

GPIO:

8-Bit

Video Out:

VGA & DVI-D

Ethernet:

6x 10/100/1000 Mbps

USB:

4x USB 3.0 Port

4x USB 2.0

Serial Ports:

6x RS-232

Watchdog:

Primary I/O Misc.:

2x RS-232, RS-422 or RS-485 via BIOS setting; RS-485 with auto-flow control

LAN1: Intel 82579V, LAN2: Intel 82583V

LAN3 ~ LAN6: Intel i210

Secondary I/O

LF I Port.

Keypad:

PS/2:

Expansion

Bus Misc.:

Internal USB Type-A with lock design

Analog

A/D:

D/A:

Dimensions

Dimensions:

9.06 × 2.76 × 6.89 in

Weight:

2.5 kg

Power Requirements

Voltage:

19 V

Typical Current:

8 A

Max Boot Current:

16 A

Power Misc.:

Power Type: ATX

Power Input Voltage: 19 VDC ~ 24 VDC

Minimum Power Input: DC19-24V @ 8-6.3A

Normal Power Input: DC19-24V @ 11.57-9.16A

Power Adapter: AC to DC, DC24V/9.16A, 220W (Optional)

Environmental

Low Operating Temperature:

0 C

High Operating Temperature:

45 C

Upper Operating Humidity:

95%

Environmental Misc.:

0 ~ 45°C (32 ~ 113°F)

Pricing

SLB-A1240-000-R

AIIS-1240, FCLGA1155 Socket, 6xRS232, 4xUSB3, 4xUSB2, 2xGig-LAN, 4POE Gig-LAN, 4xDI 4xDO, Audio, VGA & DVI-D

\$1,128.00

Order:

0

Parent Product:

Power Supply:

19 V DC ~ 24 V DC

Cables & Adapters:

PER-PWR-00038

24V 220W Desktop Power Supply, 100-240V standard C14 power connector (requires proper AC power cord)

\$108.00

CAB-80-001-1

CABLE POWER 110V AC GND OUTLET

\$3.00

Disk Interface:

SATA

Wireless:

Optional Wireless

Source URL: <https://www.emacinc.com/content/sib-a1240-2>